

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	42019	"380".clas. "726".clas. "713".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 15:17
S2	1718	713/176.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S3	0	((Electron\$5 or digital\$5) near3 (documen\$5 or conten\$5)) (User near4 application) ((Digita\$3 near2 signatur\$3)near20 (modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 workflo\$3 right\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S4	120	((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5)) (User near4 application) ((Digita\$3 near2 signatur\$3) (modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 workflo\$3 right\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:32
S5	92	S4 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S6	0	((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5)) ((Digita\$3 near2 signatur\$3) same (modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 workflo\$3 Collabor\$4 right\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S7	0	((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5)) ((Digita\$3 near2 signatur\$3) near40 (modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 workflo\$3 Collabor\$4 right\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17

## EAST Search History

S8	0	((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5)).ab. ((Digita\$3 near2 signatur\$3).ti. (modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 workflo\$3 Collabor\$4 right\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S9	0	((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5)) (Digita\$3 near2 signatur\$3).ti. (modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 workflo\$3 Collabor\$4 right\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S10	0	((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5)) (Digita\$3 near2 signatur\$3).ti. modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 workflo\$3 Collabor\$4 right\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S11	8	((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5)) (Digita\$3 near2 signatur\$3).ti. modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S12	8	S11 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S13	0	(Digita\$3 near2 signatur\$3 near4 modul\$3) (Digita\$3 near2 signatur\$3 near4 informat\$5) (Digita\$3 near2 signatur\$3 near4 operat\$3) (Digita\$3 near2 signatur\$3 near4 Validat\$3) (Digita\$3 near2 signatur\$3 near4 referen\$3) (Digita\$3 near2 signatur\$3 near4 Sign\$4) (Digita\$3 near2 signatur\$3 near4 Embed\$4) (Digita\$3 near2 signatur\$3 near4 workflo\$3) (Digita\$3 near2 signatur\$3 near4 Collabor\$4) (Digita\$3 near2 signatur\$3 near4 right\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S14	533	(Digita\$3 near2 signatur\$3 near4 modul\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17

## EAST Search History

S15	2518	(Digita\$3 near2 signatur\$3 near4 informat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S16	602	(Digita\$3 near2 signatur\$3 near4 operat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S17	880	(Digita\$3 near2 signatur\$3 near4 Validat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S18	388	(Digita\$3 near2 signatur\$3 near4 referen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S19	2744	(Digita\$3 near2 signatur\$3 near4 Sign\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S20	458	(Digita\$3 near2 signatur\$3 near4 Embed\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S21	12	(Digita\$3 near2 signatur\$3 near4 (workflo\$3 or Collabor\$4) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S22	180	(Digita\$3 near2 signatur\$3 near4 right\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17

## EAST Search History

S23	335	((Digita\$3 near2 signatur\$3).ti. (Digita\$3 near2 signatur\$3).ab. ) ((Electron\$5 or digital\$5) near5 (documen\$5 or conten\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S24	27	(Digita\$3 near2 signatur\$3 near4 right\$3 near4 informat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S25	6	S23 S14 S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S26	5	S25 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S27	22	(Digita\$3 near2 signatur\$3 near4 Validat\$3 near4 modul\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S28	5	S16 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S29	2	S16 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/03/28 15:17
S30	0	S29 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17

## EAST Search History

S31	2	S16 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/03/28 15:17
S32	3	S28 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S33	0	S24 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S34	1	S23 S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S35	0	S23 S20 S14 S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S36	4	S23 S20 S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S37	25	S23 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:17
S38	14	S37 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:44

## EAST Search History

S39	22	(US-20030023564-\$ or US-20020029337-\$ or US-20020062439-\$ or US-20020184504-\$ or US-20050021474-\$ or US-20050038754-\$ or US-20020069179-\$).did. or (US-5787175-\$ or US-6263313-\$ or US-6415385-\$ or US-6851054-\$ or US-5465299-\$ or US-6341349-\$ or US-6807633-\$ or US-6023509-\$ or US-6785815-\$ or US-6796489-\$ or US-6898707-\$).did. or (FR-2854998-\$).did. or (WO-2003088056-\$ or JP-2001157024-\$ or WO-200195078-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2006/03/28 15:29
S40	0	Electron\$5 digital\$5 documen\$5 conten\$5 User application Digita\$3 signatur\$3 modul\$3 nformat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 Workflo\$3 right\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:34
S41	2	Electron\$5 digital\$5 documen\$5 conten\$5 User application Digita\$3 signatur\$3 modul\$3 nformat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:40
S42	2	Electron\$5 digital\$5 documen\$5 conten\$5 applicat\$4 Digita\$3 signatur\$3 modul\$3 nformat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:40
S43	2	Electron\$5 digital\$5 documen\$5 conten\$5 Digita\$3 signatur\$3 modul\$3 nformat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:41
S44	304	Electron\$5 digital\$5 documen\$5 conten\$5 Digita\$3 signatur\$3 modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3 PDF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:41

## EAST Search History

S45	303	Electron\$5 digital\$5 documen\$5 conten\$5 Digita\$3 signatur\$3 modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3 PDF Applicat\$4 User\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:43
S46	45	Electron\$5 digital\$5 documen\$5 conten\$5 Digita\$3 signatur\$3 modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3 PDF Applicat\$4 User\$3 workflo\$3 Collabor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:43
S47	0	S46 S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 15:44
S48	8	S45 S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 16:33
S49	4	S48 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 16:59
S50	24	(US-20030023564-\$ or US-20020029337-\$ or US-20020062439-\$ or US-20020184504-\$ or US-20050021474-\$ or US-20050038754-\$ or US-20020069179-\$ or US-20030196093-\$ or US-20030196091-\$).did. or (US-5787175-\$ or US-6263313-\$ or US-6415385-\$ or US-6851054-\$ or US-5465299-\$ or US-6341349-\$ or US-6807633-\$ or US-6023509-\$ or US-6785815-\$ or US-6796489-\$ or US-6898707-\$).did. or (FR-2854998-\$).did. or (WO-2003088056-\$ or JP-2001157024-\$ or WO-200195078-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2006/03/28 16:09

## EAST Search History

S51	16	S50 Electron\$5 digital\$5 documen\$5 conten\$5 Digita\$3 signatur\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 16:34
S52	4	S51 modul\$3 informat\$5 operat\$3 Validat\$3 referen\$3 Sign\$4 Embed\$4 right\$3 PDF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 16:34
S53	20	(US-20020029337-\$ or US-20030196093-\$ or US-20030023564-\$ or US-20020184504-\$ or US-20050021474-\$ or US-20020062439-\$).did. or (US-6851054-\$ or US-6341349-\$ or US-6796489-\$ or US-6898707-\$ or US-6785815-\$ or US-6807633-\$ or US-6263313-\$ or US-5465299-\$ or US-6023509-\$ or US-5787175-\$). did. or (FR-2854998-\$).did. or (WO-2003088056-\$ or WO-200195078-\$ or JP-2001157024-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2006/03/28 16:48
S54	86	("4885777"   "5018195").PN. OR ("5465299").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 16:48
S55	86	S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 16:59
S56	86	S54 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 17:33
S57	11	("4868877"   "5005200"   "5146500"   "5159632"   "5231668"   "5272755"   "5442707"   "5805703").PN. OR ("6341349"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 17:31
S58	0	("2002/0029337").URPN.	USPAT	AND	ON	2006/03/28 17:32
S59	0	("2002/0062439").URPN.	USPAT	AND	ON	2006/03/28 17:32
S60	0	("2002/0184504").URPN.	USPAT	AND	ON	2006/03/28 17:32



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S61	0	("2003/0023564").URPN.	USPAT	AND	ON	2006/03/28 17:32
S62	0	("2003/0196093").URPN.	USPAT	AND	ON	2006/03/28 17:33
S63	35	("20010042043"   "4827508"   "5513260"   "5613004"   "5636292"   "5659613"   "5671389"   "5739864"   "5774452"   "5809139"   "5822432"   "5828325"   "5892900"   "5896454"   "5910987"   "5920861"   "5940135"   "5940504"   "5940505"   "5943422"   "5999949"   "6005501"   "6009170"   "6047374"   "6064764"   "6112181"   "6145081"   "6157721"   "6185683").PN. OR ("6785815").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 17:33
S64	35	S63 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 17:40
S65	15	("5373550"   "5799086"   "5903882"   "6039248"   "6044405"   "6047374"   "6170744"   "6199052"   "6209095"   "6253322"   "6314517"   "6367013"   "6450403").PN. OR ("6796489"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 17:40
S66	15	S65 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 17:44
S67	20	("4385285"   "5121945"   "5283829"   "5383113"   "5465206"   "5487100"   "5504677"   "5532464"   "5570465"   "5677955"   "5689593"   "5717868"   "5727249"   "5848400"   "5884288"   "5893080"   "6021202"   "6223168"   "6233341").PN. OR ("6807633"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 17:44
S68	20	S67 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 17:46
S69	0	("2005/0021474").URPN.	USPAT	AND	ON	2006/03/28 17:46

## EAST Search History

S70	120	("20010000535"   "20020120846"   "3962539"   "4200770"   "4218582"   "4405829"   "4408203"   "4424414"   "4734564"   "4748668"   "4797920"   "4823388"   "4825050"   "4850017"   "4868877"   "4885788"   "5018196"   "5029208"   "5097504"   "5140634"   "5214703"   "5225978"   "5231668"   "5453601"   "5455865"   "5502766"   "5509071"   "5534855"   "5539828"   "5557518"   "5563946"   "5577120"   "5586036"   "5590197"   "5604801"   "5606609"   "5615266"   "5619574"   "5623637"   "5625690"   "5636280"   "5659616"   "5671279"   "5671285"   "5677953"   "5677955"   "5694471"   "5708780"   "5715314"   "5721779"   "5724424"   "5745886"   "5751813"   "5778072"   "5781723"   "5790677"   "5796840"   "5812666"   "5848161"   "5862327"   "5878142"   "5887131"   "5903882"   "5910988"   "5910989"   "5928298"   "5943423"   "5949881"   "5956404"   "5963648"   "5970147"   "6000522"   "6000832"   "6009177"   "6021202"   "6023509"   "6029150"   "6044154"   "6061794"   "6061799"   "6070154"   "6084969"   "6092202"   "6102287"   "6104815"   "6105012"   "6108644"   "6111956"   "6134325"   "6144949"   "6154543"   "6161180"   "6161181"   "6167518"   "6189096"   "6192130"   "6192405"   "6199052"   "6202151"   "6205437"   "6213391"   "6230269"   "6233565"   "6240091"   "6243812"   "6253027"   "6263447"   "6279112"   "6282522"   "6285991"   "6299062"   "6314519"   "6324525"   "6373950"   "6510516"   "6523067"   "6532451"   "6565000"   "6571339"   "6587837").PN. OR ("6851054"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 17:46
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## EAST Search History

S71	120	S70 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 17:55
S72	3	("5208858"   "6233577"   "6237096").PN. OR ("6898707"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/28 17:55
S73	3	S72 @ad<"20030904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/28 17:55
S74	35	(US-20020029337-\$ or US-20030196093-\$ or US-20030023564-\$ or US-20020184504-\$ or US-20050021474-\$ or US-20020062439-\$).did. or (US-6851054-\$ or US-6341349-\$ or US-6796489-\$ or US-6898707-\$ or US-6785815-\$ or US-6807633-\$ or US-6263313-\$ or US-5465299-\$ or US-6023509-\$ or US-5787175-\$ or US-5689567-\$ or US-5943426-\$ or US-6079018-\$ or US-5005200-\$ or US-5231668-\$ or US-6039248-\$ or US-6047374-\$ or US-6170744-\$ or US-6253322-\$ or US-6314517-\$ or US-6367013-\$ or US-6021202-\$ or US-5018196-\$ or US-5606609-\$ or US-6237096-\$).did. or (FR-2854998-\$).did. or (WO-2003088056-\$ or WO-200195078-\$ or JP-2001157024-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2006/03/28 17:55